

NRI Human Nutrition and Obesity Program Goals/Priorities – FY 2008

**All projects must address some
aspect of food as it relates
to obesity**

www.csrees.usda.gov/fo/humannutritionobesitynri.html

NRI Human Nutrition and Obesity Program Goals/Priorities – FY 2008

Research – funding limit \$500 K total

- Improve understanding of behavioral and environmental factors that influence obesity
- Epidemiological studies may involve secondary data analysis

NRI Human Nutrition and Obesity Program Goals/Priorities – FY 2008

Integrated – funding limit \$1.5 M total

- Improve understanding of behavioral and environmental factors that influence obesity and use this new information to develop effective intervention strategies for preventing obesity and/or develop educational programs for future researchers and educators
- Develop and implement behavioral and environmental instruments to measure progress in obesity prevention

NRI Human Nutrition and Obesity

Recent Program Changes

For Integrated Projects:

- No more than 2/3 of the budget can be allotted to any one of the 3 components of the agricultural knowledge system (research, education, extension)
- The elements of a logic model must be included as a narrative or chart

<http://www.csrees.usda.gov/funding/integrated/integrated.html>

“Human Nutrition and Obesity” Program Statistics – FY 2006

- **# of Proposals Submitted – 82 (20 research, 62 integrated)**
- **# of Proposals Awarded – 2 Standard Research Grants, 1 Standard Strengthening Grant, 8 Integrated Grants, 5 Bridge Grants**
- **% Success* : Research: 15%, Integrated: 13%**
- **Average Award Size*: Research: \$323,300, Integrated: \$1,206,250**
- **Average Award Duration*: Research: 2.3 yrs, Integrated: 3.8 yrs**

***Excludes Bridge Grants**

NRI Bioactive Food Components for Optimal Health Program Goals/Priorities – FY 2008

- **Research** (max. \$500 K total award)
 - Mechanistic studies of bioavailability, function, efficacy and safety of bioactive dietary components at levels which would be expected to be consumed in diet
 - Interrelationships among bioactive dietary components and/or nutrients in promoting health
 - Novel studies of the functions and mechanisms of regulation of vitamins and minerals



NRI Bioactive Food Components for Optimal Health Program Goals/Priorities – FY 2007

- **Integrated** (max. \$750 K total award)
 - Identification, processing and tailoring of functional foods to promote energy balance, with an emphasis on efficacy and safety.
 - Shared priority with Program 71.1
 - Projects should include food science **and** nutrition expertise
 - Collaboration with industry encouraged
 - Multidisciplinary training of graduate students, postdocs encouraged



NRI Bioactive Food Components for Optimal Health – Recent Changes

- **Letter of intent required** – Letter due Nov. 5, full proposal January 17 – in 2007 received 157 LOI, invited 79, received 60 proposals from those invited
- **New joint priority with program 71.1** for integrated proposals in the area of functional foods (in 2007 received 5 proposals submitted to 31.0, 4 to 71.1– funded one project)
- Encourage projects that use dose-response methodology (recommendation from ARS, IOM workshops)

www.csrees.usda.gov/fo/humannutritionoptimalhealthnri.html



“Bioactive Food Components for Optimal Health”

Program Statistics – FY 2007

- # of Proposals Submitted – 67 (51 standard research, 5 integrated, 4 New Investigator, 3 conference, 4 seed/equipment/sabbatical leave)
- # of Proposals Awarded – 13 (7 standard research grants, 1 New Investigator award, 1 Standard Strengthening grant, 3 Conference Grants, 1 Equipment Grant)
- % Success – 20% (standard grants)
- Average Award Size - \$452,766 (standard grants)
- Average Award Duration (years) – 2.3 (standard grants)



NRI 71.1: Improving Food Quality and Value (FY 2008)

Goals / Priorities

- Research

Mechanisms of interaction of molecular food components affecting quality

Engineering principles of innovative processing technologies

Effect of processing on the bioavailability of health components in foods

- Integrated

Engineering principles of innovative processing technologies

functional foods to promote energy balance, with an emphasis on efficacy and safety
(Joint priority with NRI 31.0 Bioactive components)

Significant Changes For FY 2008

- Integrated program better explained
- Funds for integrated program adjusted (up to \$ 1.5 million)
- Letter of intent deadline moved to November 5, 2007

Funding Statistics

FY 2007

	Std.	Strength.	Integrated	JP
• # submitted	93	11	16	9
• # awarded	14	5	1	1
• % success	15	45	6	11
• Average award size	355 K	23 K	362 K	750 K
• Duration (years)	2-3	1-3	3	3

plus Two EPSCOR grants for 507 K